

feration of the granes  
 the crossing of man and the continuation  
 of man  
 Identical twins: that's when on gene splits  
 up and you have twins  
 Slip or cutting: is something you wear  
 Sperm: the egg of a male  
 the liquid that keeps the growth  
 and egg brought from the man that is  
 used in the bring about man or any other  
 animal tertization in the mother  
 Inbreeding: breeding a amial of the sam  
 frilly to over of the same frilly  
 Asexual reproduction: the ege it ferterlized  
 Sexual reproduction: reproduction in  
 which two sperms are crossed  
 Hybrid: crossing of two pure brids

Fossil: animal that hangs by its tail and  
 makes believe its sleeping  
 Pollen: the male sperm or gren cell  
 Artificial insemination: used by plant  
 breeders  
 Hormone: sputance secrete by the glans.  
 that effect the groth and oth effect of  
 the buddy  
 Metamorphosis: making of sugar in a  
 plant  
 Ova: the female parental organ  
 Petal: male part of a flower  
 Mammal: anial with feathers and a carnuim  
 Uterus: the waste given off by man  
 Oviduct: over or on top of the duct  
 Yolk: the body of a mammal  
 Fruit: it grows on a tree its don't have  
 ruts it grows on limbs

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 frilly to over of the same frilly  
 Asexual reproduction: the ege it ferterlized  
 Sexual reproduction: reproduction in  
 which two sperms are crossed  
 Hybrid: crossing of two pure brids

Fossil: animal that hangs by its tail and  
 makes believe its sleeping  
 Pollen: the male sperm or gren cell  
 Artificial insemination: used by plant  
 breeders  
 Hormone: sputance secreate by the glans.  
 that effect the groth and oth effect of  
 the buddy  
 Metamorphosis: making of sugar in a  
 plant  
 Ova: the female parental organ  
 Petal: male part of a flower  
 Mammal: anial with feathers and a carnuim  
 Uterus: the waste given off by man  
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- Soils Suitable for Septic Tank Filter Fields*, William Benden, October, p. 454.
- Some Recent Developments in the Chemistry of Phosphate Esters of Biological Interest*, H. Gobind Khorana, April, p. 287.
- Sourcebook for Elementary Science, A*, E. B. Hone, A. Joseph, E. Victor, and P. F. Brandwein, November, p. 537.
- Sourcebook for the Physical Sciences, A*, Alexander Joseph, Paul F. Brandwein, Evelyn Morholt, Harvey Pollack, and Joseph F. Castka, March, p. 211.
- Story of Pollination, The*, B. J. D. Meeuse, February, pp. 129-130.
- Story of X-Rays, The*, Alan Ralph Bleich, March, p. 211.
- Structure of Science, A*, Joseph H. Simons, March, pp. 210-211.
- Substance of Man, The*, Jean Rostand, October, p. 451.
- Synthesis of Evolutionary Theory, A*, Herbert Ross, October, pp. 453-454.
- Synthesis of Molecular and Cellular Structure*, Dorthea Rudnick, October, p. 448.
- Teaching of Chemistry, The*, N. F. Newbury, March, pp. 214-215.
- Teaching Science in Today's Secondary Schools*, Walter A. Thurber and Alfred T. Collette, November, p. 536.
- Texas Fossils: An Amateur Collector's Handbook*, William H. Matthews, January, p. 57.
- Textbook of Comparative Histology*, Warren Andrew, Ed., October, pp. 449-450.
- Three Essays on Population*, Thomas Malthus, Julian Huxley and Frederick Osborn, April, p. 290.
- Time's Arrow and Evolution*, Harold Blum, October, p. 453.
- Transplantation of Tissues and Cells*, R. E. Billingham and Willys Silvers, October, p. 448.
- Trees, Shrubs and Woody Vines of the Southwest*, Robert A. Vines, February, p. 128.
- Universe and Dr. Einstein, The*, Lincoln Barnett, March, p. 211.
- Viruses*, K. M. Smith, December, p. 620.
- Water, The Mirror of Science*, Kenneth S. Davis and John Arthur Day, January, p. 56.
- White Waters and Black*, Gordon MacCreagh, February, p. 132.

- Wonder of Heat Energy, The*, Hy Ruchlis, March, p. 211.
- Wonderful Life of Flowers, The*, Paul Jaeger, February, p. 129.
- Wonderful World of Science*, Shirley Moore and Judith Viorst, March, p. 214.
- World of Geology, The*, L. Don Leet, Ed., March, p. 212.
- Wound Healing*, D. Slome, Ed., December, pp. 616-617.

## Book Reviews

All the unsigned reviews have been made by the Editor.

### BOTANY

- ATLAS OF PLANT MORPHOLOGY, PORTFOLIO II (FLOWER, FRUIT, AND SEED)*, Emma L. Fisk and W. F. Millington, 48 pp., \$2.75, Burgess Publishing Co., Minneapolis 15, Minnesota, 1962.

These beautiful photographs are notebook size but unbound. Thus, they can be used by the teacher and student to supplement what the student will observe under the microscope. There are pages which describe each photograph, pointing out distinctive characteristics. There are no labels on the photographs.

- HOW TO CONTROL PLANT DISEASES—IN HOME AND GARDEN*, Malcolm C. Shurtleff, 520 pp., \$4.95, Iowa State University Press, Ames, Iowa, 1962.

This carefully planned and well-executed manual for the recognition and control of plant diseases is a credit to its author. It is handsomely illustrated, and its contents are arranged for the convenience of persons without special technical knowledge. For those who have been frustrated by the bewildering array of peculiar trade names of modern fungicides (from Arasan to Ziram), Dr. Shurtleff provides tables explaining what they are and when and how to use them. There is little concerning the biology of either the parasites or the host, but of course this was not the intention of the book.

The biology teacher who periodically receives unsightly blobs of presumptive plants accompanied by inquiries of "what's wrong with it?" will find it useful, if only as a source of addresses of experiment stations and extension plant pathologists to whom the wretched object can be forwarded.

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